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Mobility and retention of phenolic acids through a goethite-coated quartz sand column

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Goethite-Coated Natural Quartz Sand/Water

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Graphical abstract

Natural Quartz Sand/Water interface



Adsorption of gallic acid from water onto Natural Quartz Sand, (NQS) (Left) and onto Goethite-Coated Natural Quartz Sand, GCQS (Right). Adding small amount of goethite to NQS leads to a several fold increase of the gallic adsorbed amount (Right).

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